

IN THE CLAIMS

For the convenience of the Examiner, all pending claims of the present Application are shown below in numerical order whether or not an amendment has been made.

1-16. (Canceled).

17. (New) A method for dynamically constructing a web page, comprising:
receiving a request for a webpage identified by a URL and defined by a plurality of GUI nodes stored in a page registry;
receiving a user identifier representing a user associated with the request;
identifying, based on the user identifier, a subset of the plurality of GUI nodes that the user is authorized to access;
retrieving the subset of GUI nodes the user is authorized to access;
determining a data representation specification associated with the user, the data representation specification specifying one or more data formats appropriate for the user;
converting the subset of GUI nodes the user is authorized to access into a script conforming to the data representation specification associated with the user; and
transmitting the script to the user.

18. (New) The method of Claim 17, wherein the subset of GUI nodes comprise disparate data formats; and further comprising converting the subset of GUI nodes into a common data format.

19. (New) The method of Claim 17, wherein the GUI nodes comprise XML files.

20. (New) The method of Claim 19, wherein the subset of GUI nodes comprise disparate XML formats; and further comprising converting the subset of GUI nodes into a common XML format.

21. (New) The method of Claim 20, wherein converting the subset of GUI nodes into a common XML format comprises using an XSL data conversion specification file.

22. (New) The method of Claim 17, wherein the data representation specification comprises an XSL file.

23. (New) The method of Claim 17, wherein the script comprises HTML, JavaScript, or Java code.

24. (New) Logic embodied in a computer-readable medium operable, which executed by a computer processor, to perform the steps comprising:

receiving a request for a webpage identified by a URL and defined by a plurality of GUI nodes stored in a page registry;

receiving a user identifier representing a user associated with the request;

identifying, based on the user identifier, a subset of the plurality of GUI nodes that the user is authorized to access;

retrieving the subset of GUI nodes the user is authorized to access;

determining a data representation specification associated with the user, the data representation specification specifying one or more data formats appropriate for the user;

converting the subset of GUI nodes the user is authorized to access into a script conforming to the data representation specification associated with the user; and

transmitting the script to the user.

25. (New) The logic of claim 24, wherein the subset of GUI nodes comprise disparate data formats; and wherein the logic is further operable to perform the steps comprising converting the subset of GUI nodes into a common data format.

26. (New) The logic of Claim 24, wherein the GUI nodes comprise XML files.

27. (New) The logic of Claim 26, wherein the subset of GUI nodes comprise disparate XML formats; and wherein the logic is further operable to perform the steps comprising converting the subset of GUI nodes into a common XML format.

28. (New) The logic of Claim 27, wherein converting the subset of GUI nodes into a common XML format comprises using an XSL data conversion specification file.

29. (New) The logic of Claim 24, wherein the data representation specification comprises an XSL file.

30. (New) The logic of Claim 24, wherein the script comprises HTML, JavaScript, or Java code.

31. (New) A system for dynamically constructing a webpage, comprising:

a GUI data manager operable to:

receive a request for a webpage identified by a URL and defined by a plurality of GUI nodes stored in a page registry;

receive a user identifier representing a user associated with the request;

identify, based on the user identifier, a subset of the plurality of GUI nodes that the user is authorized to access;

retrieve the subset of GUI nodes the user is authorized to access;

determine a data representation specification associated with the user, the data representation specification specifying one or more data formats appropriate for the user; and

convert the subset of GUI nodes the user is authorized to access into a script conforming to the data representation specification associated with the user.

32. (New) The system of claim 31, further comprising an data format translator operable to convert the subset of GUI nodes retrieved by the GUI manager from disparate data formats into a common data format.

33. (New) The system of Claim 31, further comprising an application integration bus operable to couple the GUI data manager to the page registry storing the plurality of GUI nodes.

34. (New) The system of Claim 31, further comprising a web server operable to:
receive the request for the webpage and user identifier from the user;
transmit the request for the webpage and user identifier to the GUI manager;
receive the script conforming to the data representation specification associated with
the user from the GUI manager; and
transmit the script conforming to the data representation specification association to
the user.
35. (New) The system of Claim 31, wherein the GUI nodes comprise XML files.
36. (New) The system of Claim 35, wherein the subset of GUI nodes comprise disparate
XML formats; and
wherein the GUI data manager is further operable to convert the subset of GUI nodes
into a common XML format.